ATEX AND ACD VACUUM CLEANERS

MINIAIR 3G-3D Z2-22

COMPRESSED AIR ATEX INDUSTRIAL VACUUM CLEANER



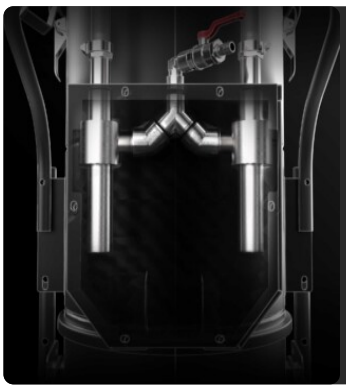
APPLICATION
Powders, solids and shavings

CAPACITY
45 Lt

FEATURES

- Suitable and safe for intensive work in Atex zones 2 or 22
- Powered by compressed air
- High filtration capacity and efficiency
- Multiple construction options available

HIGHLIGHTS



SUCTION UNIT

Suction is generated by two ejectors which generate, without the use of mechanical elements, a considerable vacuum inside the chamber, thus making suction possible.



FILTER UNIT

Filtration is provided by a polyester star filter in class M (filtration efficiency 1 micron) with a high filtering surface area, which guarantees the passage of air even with a dirty filter.



FILTER CLEANING SYSTEM

An ergonomic manual filter shaker allows the filter to be cleaned easily and quickly, removing dust and debris from the surface of the filter.



COLLECTION UNIT

The material is collected inside an AISI 304 stainless steel container, complete with a metal handle that allows its release, to avoid any sparks that could be generated by the electrostatic charge.

TECHNICAL DATA

MOTOR

Typologies	Venturi ejector
Vacuum in continuous run	500 mBar
Maximum air flow	250 m3/h
Noise level	73 dB(A)
Air required	2500 lt/min
Pressure requirement	6 - 8 Bar

MACHINE

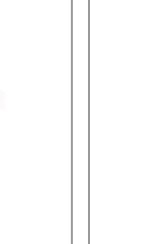
Atex marking	II 3D Ex h IIIC T140°C Dc | II 3G Ex h IIB T3 Gc
EX category	3D - 3G
Operating temperature	-20/+40 C°
Suction inlet	70 Ø mm
Collection system	AISI304 stainless steel container
Capacity	45 Lt
Dimensions	550 x 620 mm
Height	1150 mm
Weight	42 Kg

FILTRATION

Primary filter type	Star
Filter surface	15000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Filter Cleaning System	Manual

FEATURES

ATEX CERTIFICATION



DEFLECTOR
Internal deflector to protect the filter



COMPRESSED AIR SUPPLY VALVE



PUSH HANDLE



VACUUM GAUGE
Vacuum gauge for indication of filter clogged or in need of replacement



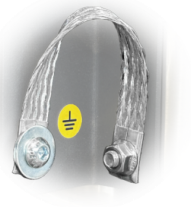
WHEEL WITH BRAKE
Non-marking wheel with integrated brake



WHEELS
Non-marking pivoting wheels



STEEL CONSTRUCTION
Rugged industrial coated steel construction



GRD
Grounding



BX
Stainless steel bin AISI 304



ANTISTATIC FILTRATION
Antistatic filtration to discharge static energy

OPTIONS

AVAILABLE FILTER MEDIA



HEPA 14
Absolute filter (EN 1822)
22.000 cm² filter surface
H14 Class Filter (EN 1822)
Glass fiber

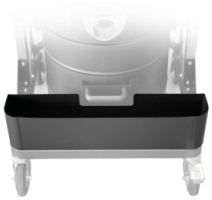


PTFE ANT
Antistatlc PTFE filter (M class EN 60335-2-69)

STRUCTURE AND OPTIONS



3 YEARS WARRANTY
Purchasing the replacement filter along with the vacuum



AB
Accessories basket



GX
Stainless steel bin and chamber AISI 304

ACCESSORIES



P12377
ANTISTATIC KIT PRO Ø 50MM
Electrically conductive solution for maximum protection against static discharge. - 3 m of electrically conductive EVA - 2 anti-static r ...



P13642
ANTISTATIC KIT PRO Ø 40MM
Complete antistatic system for thorough cleaning of sensitive production environments. - 3 m of electrically conductive EVA tubing - 1x ...



P12378
ANTISTATIC STARTER KIT Ø 50MM
Certified basic configuration for charge dissipation on medium-diameter cables. - 3 m of electrically conductive EVA - 2 anti-static rub ...



P13641
ANTISTATIC STARTER KIT Ø 40MM
Safety kit for areas with electrostatic hazards, ideal for fine and conductive dust. - 3 m of electrically conductive EVA tubing - 1x 50 ...